

Method and apparatus for separating liquid mixtures
using ultrafiltration

L20 ANSWER 6 OF 121 HCA COPYRIGHT 2002 ACS FAMILY 3

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PI	DE 2818127	A1	19781116	DE 1978-2818127	19780425
	DE 2818127	C2	19820513		
	FR 2389400	A1	19781201	FR 1977-13704	19770505
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AB H₂O-oil emulsions, esp. cutting fluids, are sepd. by being passed through a gravity flotation separator, which removes most of the oil. The remaining mixt. is pressurized with air to .apprx.5 bar, expanded to .apprx.2 bar, and pumped through an ultrafilter which seps. pure H₂O as filtrate. The expanding air keeps the membranes of the ultrafilter clean. A part of the H₂O-oil mixt. from the ultrafilter is recirculated to the gravity separator to assist in flotation sepn.

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